

# Inside Wallops

National Aeronautics and Space Administration  
Goddard Space Flight Center  
Wallops Flight Facility, Wallops Island, Va.



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## NASA Summer High School Program Celebrates 25 Years

The NASA Summer High School Apprenticeship Research Program (NSHARP) is celebrating 25 years of selecting high-achieving students to serve as apprentices in a variety of NASA professions.

Students, representing nearly every state, Puerto Rico and American Samoa have participated in the education program. Created in 1980, NSHARP is designed to attract and increase participation among under represented students in science, technology, engineering or mathematics.

The apprenticeship runs approximately eight weeks during the summer. It engages students in research opportunities and reinforces educational excellence.

The program also seeks to enrich and inspire students by promoting interaction within their academic, workplace and social environments. The program also includes an hourly stipend for students.

"NASA is committed to inspiring the next generation of explorers," said NASA

SHARP Program Manager Deborah Glasco. "NASA SHARP is a direct extension of this commitment dedicated to academically and professionally motivating a diverse group of youth that may one day play a vital role in fulfilling the Vision for Space Exploration," she said.

All 10 NASA centers and several universities participate in NSHARP. There's a commuter component for students residing within a 50-mile radius of a NASA center, and a residential component for those living on a participating university campus.

Students from Maryland and Virginia have participated in the SHARP program at NASA Wallops Flight Facility since 1985.

Applications for 2005 are available in the Wallops Public Affairs Office, Building F-6, and on the Internet and must be submitted by February 14, 2005.

To view the application on the Web, visit: <http://www.nasasharp.com>

## 60 Years of Exploration 1945 - 2005

This year, the Wallops Flight Facility celebrates 60 years of exploration and achievements. *Inside Wallops* will commemorate our historic past by highlighting landmark events.

"On **January 21, 1960**, a successful test of the escape system was made with Little Joe 1B, under the maximum design dynamic pressure condition.

This capsule contained a biological package (biopack), which included Miss Sam, a rhesus monkey. Miss Sam was safely placed and harnessed into the biopack.

The purpose for including the primate on the flight was to test reactions to high-stress situations. Miss Sam was initially disturbed by the firing of the escape rocket but ultimately performed her assigned chore.

The spacecraft was successfully recovered and was in good condition. It was used again in a Mercury-Redstone development firing in 1961." From *Shortal* pg. 659

## Wallops Shorts.....

### In the News

Pocatello Idaho State Journal  
"Sho-Ban Shuttle Experiment Unique in West"

Associated Press  
"Idaho High School's Experiment Included in NASA Program"

### On the Road

Jay Pittman, NASA Range and Mission Management Office, recently spoke to a group at the Hermitage in Onancock, Va.

Ed Parrott, Teacher-on-Loan, and Sheryl Eni, EG&G, participated in a Career Day event at Stephen Decatur Middle School, Berlin, Md., on January 12.

## Kwajalein Sounding Rocket Campaign

"I would like to commend Wallops (personnel) on the handling of payload anomalies encountered during the campaign.

John Hickman managed the situation very well, assigning "review teams" to the remaining payloads to look for other potential problems.

Overall, I am very pleased with the results from the Kwajalein sounding rocket campaign.

I believe the combination of rocket missions, cooperation between the experimenters and the availability of Altair radar data will produce better scientific results than would have been expected from this pair of rockets alone."

*Lynette Gelinas  
Cornell University*

## Snow Plan

The following is the process for any changes to work schedule because of inclement weather.

The recorded numbers listed below are the primary notification and are updated first. The media is the secondary notification. We cannot assure our employees what time the media will post changes in work schedules.

The Public Affairs Office is notified by senior management no later than 5:15 a.m. of any change in work schedule.

We immediately place messages on the Wallops recorded lines and then notify the media.

Note: If we state for example that the report time is 10 a.m., please do not come in earlier. Grounds crew need the time to clean parking areas and side walks.

### Wallops Recorded Numbers

Main number

757-824-1000 or 1-800-521-3415

Operations Schedule Line

757-824-1176

Information Line

757-824-2050

Local media

WBEE 96.9 FM

WESR 1330 AM & 103.3 FM

WVES 99.3 FM

WOLC 102.5 FM

WQHQ 104.7 FM

WBOC-TV Channel 16

WMDT-TV Channel 47

**February 6, 2005**

**SuperBowl Sunday at the Rocket Club**

**Bring a covered dish to share**



## Almost a White Christmas by Bob Steiner, Meteorologist

Although we experienced 20 days with above average temperatures during December, the monthly average of 41.3 degrees was only 0.9 degrees above the climatological norm. On three days the high was 32 degrees or below. The low morning temperatures for 17 days was freezing or below. The warmest day was on the December 8 with a reading of 69 degrees. A temperature of 11 degrees was recorded on the 28<sup>th</sup>, which was the coldest morning of the month.

Measurable rain fell on seven days, and measurable snow fell on three days during December. The total precipitation of 3.35 inches was 0.21 inches above normal for the month. The greatest 24 hour total was 1.7 inches of rain falling on the December 9 and 10.



December 2004 brought the second greatest snow accumulation on record at Wallops Flight Facility with 8.1 inches, which was 6.8 inches above the monthly average. We barely missed a white Christmas with 7.5 inches of snow fall on December 26. Traces of snow also fell on the 19th and 20th.

Winds of 30 mph or greater were recorded on 8 days with the strongest gust being 44mph on December 1 at 1:46 pm.

February is typically one of the coldest months of the winter for us with highs averaging near 45 to begin the month, falling to near 40 by mid-month before climbing into the low 50's by the end of the month.

Overnight lows begin in the upper 20's, dip to near 26 degrees by mid February, then rebound to near 30 degrees prior to March.

The highest temperature on record is 79 degrees, reached on February 1, 2002, and February 27, 1997. The coldest recording, -4 degrees, occurred on the morning of February 2, 1971.

February normally brings 10 days with measurable precipitation with an average of 3.02 inches of liquid equivalent. Measurable snow falls on 2 days during the month for an average total of 3.23 inches.

February can be a very dangerous month to be on the road. Be aware of cold temperatures and wet, icy roads during the morning hours.

## U.S. Coast Guard Auxiliary Boating Skills & Seamanship Class

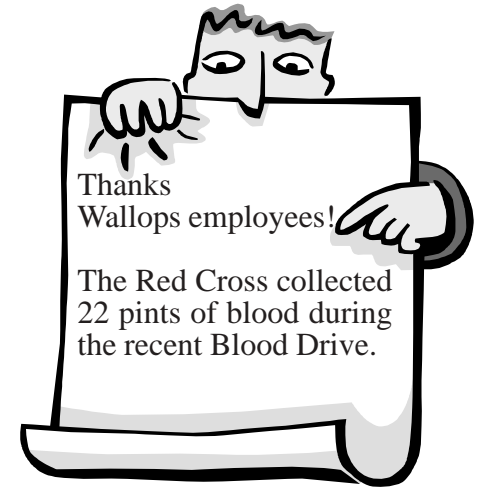


**Wednesday  
Evenings  
at 7 p.m.**

**Starting  
January 19**

**Classes will be held at the  
Atlantic (Va.) Fire Company**

**For information or to register call  
(757) 824-6335.**



**February 19, 2005**

**The Wallops Black History  
Club presents**

**"The African Diaspora"  
with Dr. Clara Small**

**For tickets or more information  
contact:**

**Cheryl Johnson x1607**

**Rebecca Beach x1625**

**Karen Lewis x2163**

**Dave Smith x1316**

*Inside Wallops* is an official publication of Goddard Space Flight Center and is published by the Wallops Office of Public Affairs, Extension 1584, in the interest of Wallops employees. Recent and past issues of *Inside Wallops* also may be found on the NASA Wallops Flight Facility homepage:

[www.wff.nasa.gov](http://www.wff.nasa.gov)

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